



### FA1-00616-1 University of California, Santa Barbara - CIRM Special Program

Facilities Working Group Score: 74

Requested Funding: \$4,722,000

FWG Recommended Funding: \$3,494,280

Possible points →	Value 25	Leverage 25	Urgency 20	Shared Res 15	Functionality 15
FWG Score: 74	18	15	17	13	11

#### PROPOSAL:

This Special Program application seeks funding to renovate a portion of an existing facility to accommodate a center for cell biology and engineering. The CIRM project consists of 10,377 assignable square feet (asf) and 16,581 gross square feet (gsf) with a total cost of \$6,352,000 and requested CIRM funding of \$4,722,000. The project addresses the need for co-location of investigators and expansion of research capacity. At occupancy, the facility will house three new research teams (PIs) all of which will be new to the institution. In addition to laboratory space for new researchers, the new facility will provide (1) several new core resources that will add capabilities not available from the existing core and (2) space for support functions. The new core facilities include a deep sequencing and vivarium. Completion of the project is scheduled for March 2010.

#### COST:

**Cost Summary Table**

Cost Category	Total Amount	Amount/PI*
Building	\$5,666,000	\$1,888,667
Group 2 Equipment	\$686,000	\$228,667
Total	\$6,352,000	\$2,117,333
Requested CIRM Amount	\$4,722,000	\$1,574,000
Applicant Amount	\$1,630,000	\$543,333

\* Based on number of PIs included in the Part 1 Capacity/Use table

#### SUMMARY OF FACILITIES WORKING GROUP REVIEW AND DISCUSSION

**Value**—The reviewer noted that while the campus strives to seek a LEED Silver level, this will be a challenge because of the inherent limitations of a remodel. The risk of under-budgeting is also a risk in a remodel. The reviewer lacked confidence that the budget was accurate based on his construction experiences. The FWG concluded, however, that these risks are solely the responsibility of the applicant. If there are additional costs, the applicant is expected to make up any deficit.

**Leverage**—Though the staff analysis noted that leverage for this applicant is lower than other applicants in the Special Programs category, this was not discussed by the working group.

**Urgency**—It was noted that the applicant has a very strong team and that they had the expertise to limit their cost exposure through quality control and cost oversight.

**Shared Resources**—The FWG noted the collaborative relationships the applicant has developed with outside institutions, including the Burnham Institute, the Samson Diabetes Center, Cottage Hospital, and various other central coast facilities.

**Functionality**—The reviewer noted that because the applicant is remodeling multiple areas on multiple floors, functionality may be adversely impacted. The lab planner noted in his analysis that functionality is diminished by locating the two senior researchers on different floors. The design is challenging because the structural grid is not conducive to lab remodeling. The applicant suggested that the design will facilitate synergistic interaction between non-CIRM programs and CIRM researchers. The amount of support space to lab space was also explored. The laboratory planner noted that based on current standards the ratio of support to lab space was marginally adequate. He suggested that the applicant is attempting to maximize the wet bench space at the expense of the support space, which is vital to quality research programs.

The FWG score for this application was 74. During programmatic review, the FWG voted to recommend funding of \$3,494,280, representing 74 percent of the requested amount of \$4,722,000.